48,712.÷
30.=
1,623.73333333*

1,623.73333333×
10.%
162.37333333*

162.37333333+
1,786.10666666*

ANGIE

RECEIVED
JUL 25 2008
INDUSTRIAL DEPARTMENT

PRETREATMENT MONITORING REPORT

NAME: Crompton Colors Incorporated

MAILING ADDRESS: 199 Benson Road, Mail Stop 2-4, Middlebury CT 06749-0001

FACILITY LOCATION: 52 Amsterdam Street, Newark NJ

CATEGORY & SUBPART: Unknown OUTLET #: 1

CONTACT OFFICIAL: Mr. George Collentine TELEPHONE: (203) 573-2825

NEW CUSTOMER ID / OUTLET ID: 20630008-1 OLD OUTLET DESIGNATION: 1

MONITORING PERIOD

Start			End		
06	01	08	06	30	08
MO	DAY	YR	MO	DAY	YR

	Average	Maximum
Regulated Flow-gal/day	1677	2678
Total Flow-gal/day	1677	1786

Method Used: Electromagnetic flowmeter (Toshiba Model #GF632) and remote converter/display (Toshiba Model #LF602F)
Begin meter reading on 6/4/08 @ 2:00 PM. End meter reading at 7/3/08 @ 3:00 PM.

Production Rate (if applicable) Not Applicable

PARAMETER		MASS OR CONCENTRATION			# OF	SAMPLE TYPE
		MON AVG	MAXIMUM	UNITS	SAMPLES	COMP/GRAB
Biochemical Ox (BOD_5)	Sample Measurement	< 5	< 5	mg/l	1	Grab
	Permit Requirement	0 (No Limit)		mg/l		
Cadmium	Sample Measurement	< 0.0004	< 0.0004	mg/l	1	Grab
	Permit Requirement	0.19		mg/l		
Copper	Sample Measurement	0.004	0.004	mg/l	1	Grab
	Permit Requirement	3.02		mg/l		
Lead	Sample Measurement	0.005	0.005	mg/l	1	Grab
	Permit Requirement	0.54		mg/l		
Mercury	Sample Measurement	<0.0002	<0.0002	mg/l	1	Grab
	Permit Requirement	0.080		mg/l		
Nickel	Sample Measurement	0.009	0.009	mg/l	1	Grab
	Permit Requirement	5.9		mg/l		
Zinc	Sample Measurement	0.02	0.02	mg/l	1	Grab
	Permit Requirement	1.67		mg/l		
Non-Polar Material	Sample Measurement	< 10	< 10	mg/l	1	Grab
	Permit Requirement		100	mg/l		
Total Toxic Organics	Sample Measurement	CODE=E	CODE=E	mg/l	1	Grab
	Permit Requirement	0 (No Limit)		mg/l		
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					

Input

AUG 2008
2nd Input
Industrial Dept.

PVSC FORM MR-I REV: 4 6/87 P I

PRETREATMENT MONITORING REPORT

Certification of Non-Use if applicable (use additional sheets): Not Applicable.

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used: All reported analytical results comply with permit requirements

Explain Method for preserving samples: Samples were collected in laboratory-supplied containers with the appropriate preservatives (e.g., hydrochloric acid, nitric acid) in accordance with the requirements for the specific analytical methods. Samples were labeled with appropriate information, such as project name, sample identification, collection date and time, and sampler's initials. All containers were placed in an ice-filled cooler until delivery at the laboratory. A completed chain-of-custody form accompanied the samples at all times.

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Signature of Principal Executive or Authorized Agent

Mr. George Collentine

Manager

Type Name and Title

7/16/08

Date

PVSC FORM MR-I REV: 5 3/91 P2

Arbre

NAME Crompton Colors Incorporated

ADDRESS 199 Benson Road, Mail Stop 2-4, Middlebury CT 06749-0001

FACILITY LOCATION 52 Amsterdam Street, Newark NJ *(City of Newark Account #52401)*

NEW CUSTOMER ID / OUTLET ID: 20630008-1 (PVSC) **OLD OUTLET DESIGNATION:**

MONITORING PERIOD					
START			END		
06	01	08	06	30	08
MO	DAY	YR	MO	DAY	YR

VOLUME DISCHARGED THIS PERIOD
48712 GALLONS or 6512 CF
CU. FT. x 7.48 = GALLONS
Meter Start = 94825 gallons
EFFLUENT METER READING LAST DAY (7/3/08 @ 3:00 PM
THIS PERIOD 143537 gallons

DATE	BOD (mg/l)	TSS (mg/l)
6/12/2008	< 5	85

DATE	BOD (mg/l)	TSS (mg/l)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL OR AUTHORIZED AGENT	TYPE NAME AND TITLE	TELEPHONE NUMBER
	Mr. George Collentine, Manager	(203) 573-2825
		DATE: 7/16/08

PVSC FORM MR-2 REV .3 6/93

Jul 15, 2008

ERM
250 Phillips Blvd.
Suite 280
Ewing, NJ 08618

Attention: Mr. Vincent Shea

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. V622 - Chemtura Newark

Dear Mr. Shea:

Enclosed are the results you requested for the following sample(s) received at our laboratory on June 12, 2008.

Lab No.	Client ID	Analysis Required
926616	061208SYSDISCH	PP VOA+15
		PPBNA+25 w/Aniline
		Cd
		Cu
		Pb
		Ni
		Zn
		TSS
		BOD
		Hg
		1664 PHC
		1664 O&G

TestAmerica Edison has following Laboratory Certifications: New Jersey(12028), New York(11452), Pennsylvania(68-00522), Connecticut(PH-0200), Rhode Island(LAO00132)

If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

Joy Kelly
Project Manager

Analytical Results Summary

Client ID: **061208SYSDISCH**
Site: Chemtura Newark

Lab Sample No: **926616**
Lab Job No: V622

Date Sampled: 06/12/08
Date Received: 06/12/08
Date Analyzed: 06/19/08
GC Column: Rtx-VMS
Instrument ID: VOAMS11.i
Lab File ID: n46488.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	2.2
Bromomethane	ND	2.2
Vinyl Chloride	ND	1.2
Chloroethane	ND	2.2
Methylene Chloride	ND	2.0
Trichlorofluoromethane	ND	1.8
1,1-Dichloroethene	ND	2.3
1,1-Dichloroethane	ND	1.3
trans-1,2-Dichloroethene	ND	2.0
cis-1,2-Dichloroethene	ND	1.4
Chloroform	ND	1.0
1,2-Dichloroethane	ND	1.4
1,1,1-Trichloroethane	ND	1.9
Carbon Tetrachloride	ND	1.7
Bromodichloromethane	ND	1.2
1,2-Dichloropropane	ND	2.4
cis-1,3-Dichloropropene	ND	0.6
Trichloroethene	ND	1.8
Dibromochloromethane	ND	1.4
1,1,2-Trichloroethane	ND	1.1
Benzene	ND	1.2
trans-1,3-Dichloropropene	ND	0.8
2-Chloroethyl Vinyl Ether	ND	1.2
Bromoform	ND	1.0
Tetrachloroethene	ND	2.1
1,1,2,2-Tetrachloroethane	ND	1.8
Toluene	ND	1.5
Chlorobenzene	580	1.2
Ethylbenzene	ND	2.0
Xylene (Total)	ND	2.0

Client ID: **061208SYSDISCH**
Site: Chemtura Newark

Lab Sample No: **926616**
Lab Job No: V622

Date Sampled: 06/12/08
Date Received: 06/12/08
Date Analyzed: 06/19/08
GC Column: Rtx-VMS
Instrument ID: VOAMS11.i
Lab File ID: n46488.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Benzene, 1,2-dichloro-	10.79	48	
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	48

Client ID: **061208SYSDISCH**
Site: Chemtura Newark

Lab Sample No: **926616**
Lab Job No: V622

Date Sampled: 06/12/08
Date Received: 06/12/08
Date Extracted: 06/13/08
Date Analyzed: 06/17/08
GC Column: DB-5
Instrument ID: BNAMS1.i
Lab File ID: r40643.d

Matrix: WATER
Level: LOW
Sample Volume: 790 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 625

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Phenol	ND	0.8
2-Chlorophenol	6.9	1.4
2-Nitrophenol	ND	2.0
2,4-Dimethylphenol	ND	2.6
2,4-Dichlorophenol	ND	1.8
4-Chloro-3-methylphenol	ND	2.1
2,4,6-Trichlorophenol	ND	2.8
2,4-Dinitrophenol	ND	1.1
4-Nitrophenol	ND	1.1
4,6-Dinitro-2-methylphenol	ND	1.6
Pentachlorophenol	ND	2.6

Client ID: **061208SYSDISCH**
Site: Chemtura Newark

Lab Sample No: **926616**
Lab Job No: V622

Date Sampled: 06/12/08
Date Received: 06/12/08
Date Extracted: 06/13/08
Date Analyzed: 06/17/08
GC Column: DB-5
Instrument ID: BNAMS1.i
Lab File ID: r40643.d

Matrix: WATER
Level: LOW
Sample Volume: 790 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 625

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
N-Nitrosodimethylamine	ND	0.9
bis(2-Chloroethyl)ether	ND	1.1
1,3-Dichlorobenzene	ND	1.2
1,4-Dichlorobenzene	12	1.1
1,2-Dichlorobenzene	48	1.4
bis(2-chloroisopropyl)ether	ND	1.1
N-Nitroso-di-n-propylamine	ND	0.9
Hexachloroethane	ND	1.1
Nitrobenzene	36	1.2
Isophorone	ND	1.2
bis(2-Chloroethoxy)methane	ND	1.1
1,2,4-Trichlorobenzene	ND	1.2
Naphthalene	1.8B	0.3
Hexachlorobutadiene	ND	0.8
Hexachlorocyclopentadiene	ND	0.8
2-Chloronaphthalene	ND	1.4
Dimethylphthalate	ND	1.4
Acenaphthylene	ND	0.2
2,6-Dinitrotoluene	ND	1.6
Acenaphthene	0.6	0.2
2,4-Dinitrotoluene	ND	1.4
Diethylphthalate	ND	1.0
4-Chlorophenyl-phenylether	ND	1.3
Fluorene	0.4	0.2
N-Nitrosodiphenylamine	ND	1.3
4-Bromophenyl-phenylether	ND	1.5
Hexachlorobenzene	ND	0.4
Phenanthrene	ND	0.1
Anthracene	ND	0.2
Di-n-butylphthalate	ND	1.3
Fluoranthene	ND	0.2
Pyrene	ND	0.2
Benzidine	ND	9.2
Butylbenzylphthalate	ND	1.3

Client ID: **061208SYSDISCH**
Site: Chemtura Newark

Lab Sample No: **926616**
Lab Job No: V622

Date Sampled: 06/12/08
Date Received: 06/12/08
Date Extracted: 06/13/08
Date Analyzed: 06/17/08
GC Column: DB-5
Instrument ID: BNAMS1.i
Lab File ID: r40643.d

Matrix: WATER
Level: LOW
Sample Volume: 790 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 625

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
3,3'-Dichlorobenzidine	ND	6.2
Benzo(a)anthracene	ND	0.063
Chrysene	ND	0.2
bis(2-Ethylhexyl)phthalate	ND	1.3
Di-n-octylphthalate	ND	1.3
Benzo(b)fluoranthene	ND	0.2
Benzo(k)fluoranthene	ND	0.1
Benzo(a)pyrene	ND	0.076
Indeno(1,2,3-cd)pyrene	ND	0.1
Dibenz(a,h)anthracene	ND	0.1
Benzo(g,h,i)perylene	ND	0.1
Aniline	89	0.7

Client ID: **061208SYSDISCH**
Site: Chemtura Newark

Lab Sample No: **926616**
Lab Job No: V622

Date Sampled: 06/12/08
Date Received: 06/12/08
Date Extracted: 06/13/08
Date Analyzed: 06/17/08
GC Column: DB-5
Instrument ID: BNAMS1.i
Lab File ID: r40643.d

Matrix: WATER
Level: LOW
Sample Volume: 790 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 625

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Benzene, chloro-	5.10	320	
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	320

Client ID: **061208SYSDISCH**
Site: **Chemtura Newark**

Lab Sample No: 926616
Lab Job No: V622

Date Sampled: 06/12/08
Date Received: 06/12/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Cadmium	ND	0.40		P
Copper	3.7	3.7	B	P
Lead	4.6	2.7	B	P
Nickel	8.9	2.4	B	P
Zinc	22.0	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Lab Job No: V622
Matrix: WATER

Site: Chemtura Newark
QA Batch: 1718

BOD

Lab ID	Client ID	Date Sampled	Date Analyzed	Percent Moisture	DF	Analytical Result Units: mg/l	Reporting Limit Units: mg/l
926616	061208SYSDISCH	06/12/08	06/13/08		1.0	ND	5.00*

* Reported RL is adjusted for Dilution Factor and/or Percent Moisture.
** The unadjusted RL for BOD = 5.0 mg/l.

Lab Job No: V622
Matrix: WATER

Site: Chemtura Newark
QA Batch: 3647

Total Suspended Solids

Lab ID	Client ID	Date Sampled	Date Analyzed	Percent Moisture	DF	Analytical Result Units: mg/l	Reporting Limit Units: mg/l
926616	061208SYSDISCH	06/12/08	06/13/08		1.0	85.0	10.00*

* Reported RL is adjusted for Dilution Factor and/or Percent Moisture.
** The unadjusted RL for Total Suspended Solids = 10.0 mg/l.

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 061208SYSDISCH
Lab Sample ID: 220-5761-1
Lab Name: TestAmerica Connecticut
Job No.: 220-5761-1
SDG ID.: 220-5761
Matrix: Water
Date Sampled: 06/12/2008 11:00
Reporting Basis: WET
Date Received: 07/09/2008 10:09

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	0.20	0.20	0.090	ug/L	U		1	7470A

TestAmerica Edison
TestAmerica Edison
Wet Chemistry Analysis

Client Sample No.: 061208SYSDISCH

Lab Name: TestAmerica Laboratories Inc. Contract: NO

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: V622

Matrix (soil/water): WATER Lab Sample ID: A8693601

% Solids: 0.0 Date Samp/Recv: 06/01/2008 06/14/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Oil & Grease	MG/L	5.0	U			1664	06/18/2008
SGT Total Petroleum Hydrocarbons	MG/L	5.0	U			1664 SGT	06/18/2008

Comments:

General Information

Chain of Custody

2'c IR 90

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

Name (for report and invoice): Vince Shea	Samplers Name (Printed): V. Shea	Site/Project Identification: Chemtura Newark
Company: ERM	P. O. #: 0057054.05	State (Location of site): NJ: [X] NY: [ ] Other:
Address: 250 Phillips Blvd		Regulatory Program: PVSC
City: Ewing State: NJ	Analysis Turnaround Time: Standard [X] 3 wk. Rush Charges Authorized For: 2 Week [ ] 1 Week [ ] Other [ ]	LAB USE ONLY Project No:
Phone: 609 895-0000 Fax: 0011		Job No: V622

ANALYSIS REQUESTED (ENTER 'X' BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	PVOA+15 – 2	PPBNA +25 +Aniline	SGT-1664	HEM-1664	BOD	TSS	Metals Cd, Cr, Pb, Ni, Zn				Sample Numbers
061208SYS DISCH	06/12/08	1100	Aq	9	3x	1	1	1	1	1	1				926616
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:											
6 = Other ______, 7 = Other ______				Water:	1,2	1	1,4	1A	1	1	1,4				

Special Instructions: Cd – not Ca from bottle order.

Water Metals Filtered (Yes/No)? ______

Relinquished by	Company	Date / Time	Received by	Company
[signature]	ERM	061208 1305	1) [signature]	Test America
2)			2)	
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: V622 **Site:** Chemtura Newark

Client: ERM

VOAMS

WATER - 624

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
926616	6/12/2008	6/12/2008			6/19/2008	Del Polito, Vita	9741

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: V622 **Site:** Chemtura Newark

Client: ERM

BNAMS

WATER - 625

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
926616	6/12/2008	6/12/2008	6/13/2008	Romero, Beisley	6/17/2008	Zhao,Chunxin	6321

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No:	V622	**Site:**	Chemtura Newark
Client:	ERM	**Date Sampled:**	6/12/2008
Sample No.:	926616	**Date Received:**	6/12/2008
		Matrix:	WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
CADMIUM	6/20/2008	Yang, Qin	6/27/2008	Polidori, Michael	24655
COPPER	6/20/2008	Yang, Qin	6/27/2008	Polidori, Michael	24655
LEAD	6/20/2008	Yang, Qin	6/27/2008	Polidori, Michael	24655
NICKEL	6/20/2008	Yang, Qin	6/27/2008	Polidori, Michael	24655
ZINC	6/20/2008	Yang, Qin	6/27/2008	Polidori, Michael	24655
MERCURY	6/20/2008	Evans, Donald			24655

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: V622 **Site:** Chemtura Newark

Client: ERM

WET CHEM

BOD

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
WATER							
926616	6/12/2008	6/12/2008			6/13/2008	Staib, Patricia	1718

TOTAL SUSP SOLIDS

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
WATER							
926616	6/12/2008	6/12/2008			6/13/2008	Staib, Patricia	3647

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides,PCBs & Herbicides:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for Organochlorine Pesticides and Method 8082 for PCBs. Organochlorine Herbicides are analyzed using SW846 Method 8151A.

Total Petroleum Hydrocarbons:

Unless otherwise specified, water and solid samples are analyzed for Total Petroleum Hydrocarbons using NJDEP Method OQA-QAM-025, "Quantitation of Semi-Volatile Petroleum Products in Water, Soil, Sediment and Sludge".

Diesel Range Organics (DRO) and Gasoline Range Organics (GRO):

Soil and water samples are analyzed for DRO and GRO as the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8015B (Non-Halogenated Organics Using GC/FID).

Metals Analysis:

Metals analyses are performed by any of five techniques specified by a Method Code provided on each data report page, as follows:

MS - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)- Mass Spectrometry (MS)

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020) and "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition), as appropriate. Solid samples are prepared and analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition).

Specific method references for ICP analyses are:

Water Matrix - EPA 200.7/SW846 6010B
Solid Matrix - SW846 6010B

The method reference for ICP-MS analysis is:

Non-Potable Water Matrix - EPA 200.8

Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Drinking water and wastewater samples are analyzed for cyanide using EPA Method 335. Cyanide is determined in solid samples using SW846 Method 9012A/9012B.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.1. Total phenols are determined in water by use of SW846 Methods 9065+9066, as appropriate.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability - Method 1020A

Corrosivity - Water pH Method 9040B
Soil pH Method 9045C

Toxicity - TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

ORGANIC DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

J - Mass spectral data indicates the presence of a compound that meets the identification criteria. The result is less than the specified quantitation limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

INORGANIC DATA REPORTING QUALIFIERS (SW-846 METHODS ONLY)

ND - The compound was not detected at the indicated concentration.

B - Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated because of the presence of interference. See explanatory note in the Nonconformance Summary if the problem applies to all of the samples or on the individual Inorganic Analysis Data Sheet if the problem is isolated.

M - Duplicate injection precision not met on the Furnace Atomic Absorption analysis.

N - The spiked sample recovery is not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

* - Duplicate Analysis is not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis is out of control.

+ - Correlation coefficient for MSA is less than 0.995.

INORGANIC DATA REPORTING QUALIFIERS (SW-846 METHODS ONLY)

(continued)

M Column - Method Qualifiers

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP).

A - Flame Atomic Absorption Spectroscopy (FAA).

F - Graphite Furnace Atomic Absorption Spectroscopy (GFAA).

CV - Cold Vapor Atomic Absorption Spectroscopy.

MS - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)-Mass Spectrometry (MS).

Non-Conformance Summary

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nonconformance Summary

TestAmerica Edison Job # : V622

Client: ERM

Date: 7/15/2008

Sample Receipt:

Sample delivery conforms with requirements.

Volatile Organic Analysis (GC/MS):

QA batch 9741: MS % recovery of Chlorobenzene is outside of Q.C. limits (sample amount is too high for spike level). Blank Spike within QC limits.

Base/Neutral and/or Acid Extractable Organics (GC/MS):

QA Batch # 6321: the extraction blank WB165A contains 0.21ppb of Naphthalene. Sample results flagged with a B qualifier.

Metals:

All data conforms with method requirements.

Wet Chemistry:

All data conforms with method requirements.

Sub Work:

See Sublab Case Narrative.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.

Joy Kelly

Project Manager

Environmental
Resources
Management

Princeton Crossroads
Corporate Center
250 Phillips Boulevard,
Suite 280
Ewing, NJ 08618
(609) 895-0050
(609) 895-0111 (fax)

23 July 2008

Ms. Saramma John
City of Newark Billing & Customer Service
920 Broad Street
Room 115 - Water Accounting
Newark, NJ 07102

RE: June 2008 Monitoring Report
Crompton Colors, Incorporated - Newark, NJ
City of Newark Account #52401
Discharge Begun 17 July 2007

Dear Ms. John:

On behalf of Chemtura Corporation (Chemtura), Environmental Resource Management (ERM) has prepared the attached User Charge Self Monitoring Report (PVSC Form MR-2). This form has been executed by Mr. George Collentine of Chemtura Corporation, the corporate successor to Crompton.

The groundwater recovery system has been in continuous operation since 23 April 2008. The total volume discharged to the sanitary sewer during the month of June was calculated as follows:

- Starting totalizer reading = 94,825 gallons (2:00 PM on 6/4/2008)
- Final totalizer reading = 143,537 gallons (3:00 PM on 7/3/2008)
- Total volume = 48,712 gallons

Please contact Mr. George Collentine of Chemtura at (203) 573-2825 or me if you have any questions or require additional information.

Sincerely,

Marc L Cum For

Vincent P. Shea, P.E.
Senior Engineer

cc: Mr. George Collentine, Chemtura
Passaic Valley Sewerage Commissioners
File

enclosure